



Department of Defense (DOD)

Congressionally Directed Medical Research Programs (CDMRP)

Presented to the
Tri-Service Clinical Investigation Short Course

Presented by
LTC Earl Grant, Jr., Ph.D.

8 May 2002





US Army Medical Research and Materiel Command (USAMRMC)





CDMRP History

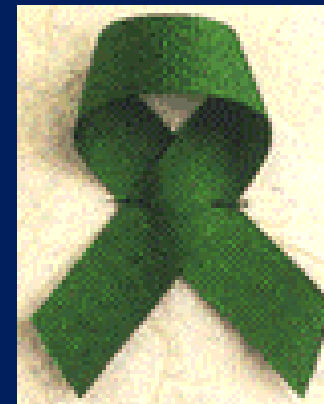
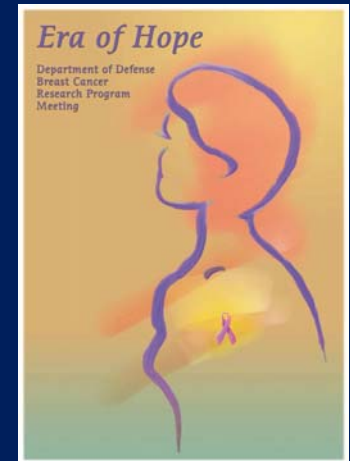
- ✦ In 1993, grassroots advocacy heightened political awareness of breast cancer
- ✦ Federal budgetary opportunities spurred Congress to appropriate \$210M to the DOD budget for breast cancer research
- ✦ Program assigned to the USAMRMC; subsequent consultation with the Institute of Medicine (IOM) for programmatic advice
- ✦ Additional research programs added in subsequent years (e.g., prostate cancer, ovarian cancer); these programs are managed by the Office of the CDMRP





Ongoing CDMRP Programs

- **Breast Cancer Research Program (BCRP)**
- **Prostate Cancer Research Program (PCRP)**
- **Ovarian Cancer Research Program (OCRP)**
- **Neurofibromatosis Research Program (NFRP)**
- **Peer Reviewed Medical Research Program (PRMRP)**





New Programs in Fiscal Year 2002 (FY02)

- ▶ **Chronic Myelogenous Leukemia Research Program**
- ▶ **Tuberous Sclerosis Complex Research Program**
- ▶ **National Prion Research Program**



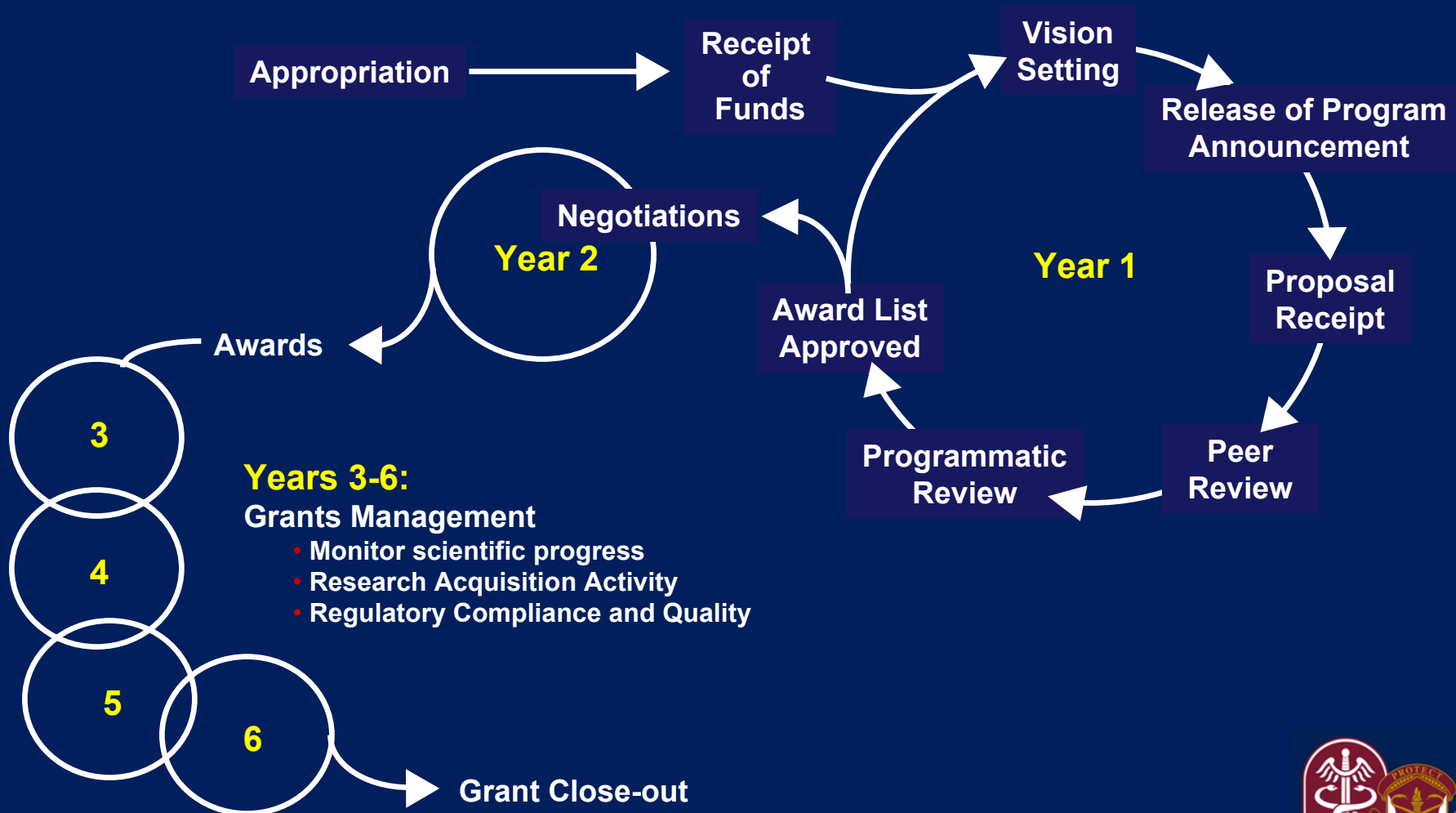


Program Features

- ▶ Targeted research priorities
- ▶ Two-tiered review of proposals – recommended by the IOM
- ▶ Flexible science management model capable of rapid change
- ▶ Consumer participation on panels
- ▶ Efficient program management



Program Cycle





CDMRP Philosophy

THE CENTRAL THEME IS INNOVATION

- ✦ **Vision:** To be the preferred and responsive source for accessible research funding, shaping the future of health care to prevent, control, and cure diseases
- ✦ **Mission:** To advance health care solutions in areas identified by Congress and the DOD by funding excellent research, recognizing and mobilizing untapped opportunities, creating partnerships, and guarding the public trust





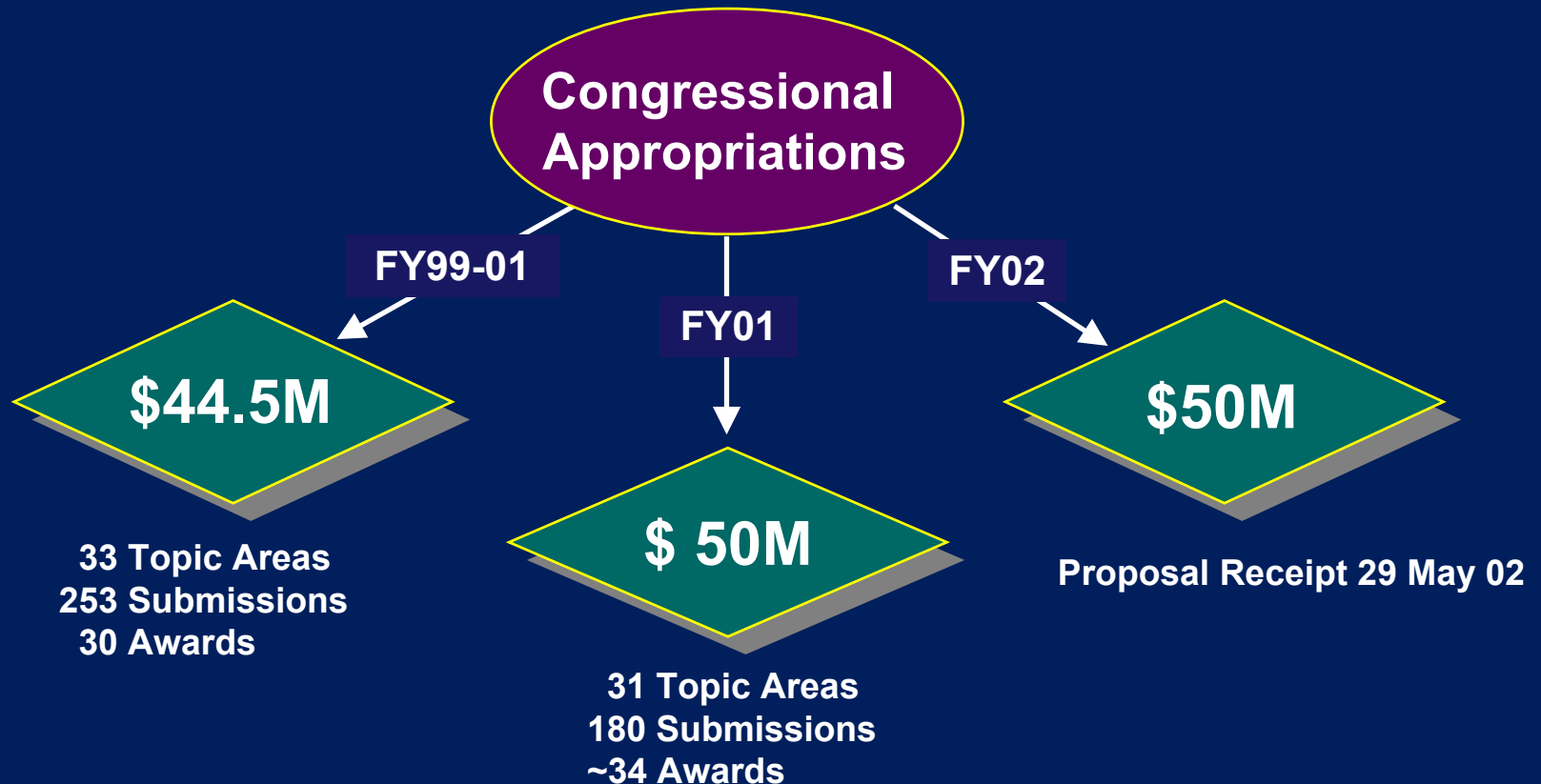
Overview of the Peer Reviewed Medical Research Program





PRMRP Synopsis

"...medical research projects of clear scientific merit and direct relevance to military health."





FY02 PRMRP Topic Areas

- Acute lung injury research*
- Complex rAD-Vector vaccine for MGBV (Marburg virus)
- Chemo-preventative approaches to smoking related illness
- Childhood asthma
- Chiropractic care
- Closed loop frozen blood processing systems
- Counter Narcotics Tactical Operations Medical Support Program (CONTOMS)
- Dengue Fever vaccine
- High risk infectious disease
- Laser eye injury*
- Medications for fungal and bacterial infections such as Fungi Free
- Metabolically engineered tissue for trauma care
- Military nutrition research
- Military relevant disease management*
- Paget's disease
- Pre-clinical and clinical activities of the Novonex/Ex-Rad drugs
- Radiation protection
- Real-time heart rate variability
- Self test methods of screening for cervical cancer
- Sleep management*
- Smoking cessation
- Social work research
- Traumatic brain injury
- Volume Angio CAT (VAC) research
- Vancomycin Resistant Enterococci (VRE) research

*Topic area recommended by the Joint Programmatic Review Panel.





Projected FY02 PRMRP Timeline

- | | |
|-----------------------|--------------|
| ▲ Proposal Receipt | 29 May 02 |
| ▲ Peer Review | 15-19 Jul 02 |
| ▲ Programmatic Review | 28-30 Aug 02 |





Opportunities for DOD Participation





Specific Areas for DOD Participation

- ✦ **Proposal submission**
- ✦ **Peer reviewer**
- ✦ **Government liaison**
- ✦ **Subject matter expert (SME)**





Proposal Submission

Research Program	Proposal Receipt Date
▶ PRMRP	29 May
▶ BCRP	11, 12, 13 Jun ¹ ; 21 Aug ²
▶ PCRP	14 + 16 May; 12 Jun ³
▶ OCRP	18 Jun
▶ NFRP	18 Sep

¹BCRP Program Announcement II

²BCRP Program Announcement I

³PCRP Consortium Award





Potential Benefits from Proposal Submission

- ✦ Money/staff dedicated to research
- ✦ Improved DOD health care
- ✦ Contributes to soldier care
- ✦ Supports staff retention
- ✦ Supports Graduate Medical Education
 - ❖ Enhanced faculty and Medical Training Facility academic standing
 - ❖ Research training opportunities for clinical trainees





Advantages Associated with DOD Medical Training Facilities

- ▲ **Large patient study population**
- ▲ **Ethnically diverse, equally treated patient population**
- ▲ **Unified health care system provides accessibility and standardized medical records**
- ▲ **Established core laboratory facilities**
- ▲ **Limited investigator/facility costs**
- ▲ **Well-trained, highly skilled clinicians and trainees**
- ▲ **Archived tissue blocks**
- ▲ **Walter Reed Army Institute of Research, Armed Forces Institute of Pathology, Naval Research Laboratory, and Uniformed Services University of the Health Sciences**





Peer Review Opportunities





Serve as a Peer Reviewer

- ▶ **Main responsibility: Scientific review of proposals**
- ▶ **Benefits**
- ▶ **Qualifications**
- ▶ **Ongoing recruitment**
- ▶ **To apply, please contact: Gail Savage (gsavage@asciences.com)**





Serve as a Government Liaison

- ✦ **Main responsibility:** Observe and monitor the proceedings; briefly annotate major issues raised during the panel discussion
- ✦ **Benefits**
- ✦ **Qualifications**
- ✦ **Ongoing recruitment**
- ✦ **To apply, please contact:** Dr. Richard Kenyon (Richard.Kenyon@det.amedd.army.mil)





Opportunities to Serve as an FY02 Peer Reviewer or Government Liaison

Program	Dates
▶ PRMRP	15-19 Jul
▶ PCRP	30 Jun - 2 Jul; 8-10 Jul; 4-6 Aug
▶ BCRP	4-9 Aug; 11-16 Aug; 6-8 Oct
▶ OCRP	14-16 Aug
▶ NFRP	Mid-Nov





Programmatic Review Opportunity





Serve as Subject Matter Expert (SME) at PRMRP Programmatic Review

- ▲ **Main responsibility: Provide assessment of a proposal's impact by addressing its military relevance and whether it complements or duplicates existing DOD research**
- ▲ **Benefits and qualifications**
- ▲ **FY02 topic areas available for SMEs:**
 - ❖ **Paget's Disease**
 - ❖ **Chiropractic Care**
 - ❖ **Social Work Research**
 - ❖ **Radiation Protection**
- ▲ **Meeting date: 28-30 August 2002**
- ▲ **Contact: LTC Earl Grant, Jr. (Earl.Grant@det.amedd.army.mil)**





How to Find Us

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